

SP03-121 *lfw*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ye Fang, et al

Examiner: TBA

Serial No: 10/676351

Group Art Unit: 1616

Filed: 9/30/2003

For: ASSAY SOLUTION COMPOSITIONS
AND METHODS FOR GPCR ARRAYSINFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98Commissioner of Patents
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

Thomas R. Beall
Registration No. 40,424
Corning Incorporated
SP-TI-03-1
Corning, NY 14831
607-974-3921Date: June 4, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, Va 22313-1450 on June 4, 2004
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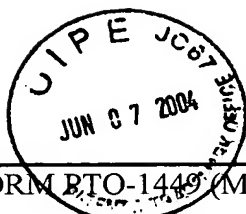
Thomas R. Beall

Name of applicant, assignee, or
Registered Representative

Signature

June 4, 2004

Date of Signature



FORM PTO-1449 (MODIFIED) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.	SERIAL NO.
	SP03-121	10/676351
	APPLICANT Ye Fang, et al.	
	FILING DATE 9/30/2003	GROUP: 1616

REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
	AA						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes No
	AB						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
AC	J. Drews, "Drug Discovery: A Historical Perspective", March 17, 2000, Vol. 287, Science, pgs. 1960-1964	
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AE	K.L. Pierce et al., "Seven-Transmembrane Receptors", Nature Reviews, Molecular Cell Biology, Vol. 3, September 2002, pgs. 639-650	
AF	A.D. Howard et al., "Orphan G-protein-coupled receptors and natural ligand discovery", TRENDS in Pharmacological Sciences, Vol. 22, No. 3, March 2001, pgs. 132-140	
AG	I.A. Hemmilä et al., "Novel detection strategies for drug discovery", DDT, Vol. 7, No. 18 (Suppl.), 2002, pgs. S150-S156	
AH	J.C. Venter et al., "The Sequence of the Human Genome", Science, Vol. 291, February 16, 2001, pgs. 1304-1351	
AI	A.L. Hopkins et al., "The druggable genome", Nature Reviews, Drug Discovery, Vol. 1, September 2002, pgs. 727-730	
AJ	S.L. Schreiber, "Target-Oriented and Diversity-Oriented Organic Synthesis in Drug Discovery", Science, Vol. 287, March 17, 2000, pgs. 1964-1969	
AK	J. Ziauddin et al., "Microarrays of cells expressing defined cDNAs", Nature, Vol. 411, May 3, 2001, pgs. 107-110	
AL	O.E. Beske et al., "High-throughput cell analysis using multiplexed array technologies", DDT, Vol. 7, No. 18 (Suppl.), 2002, pgs. S131-S135	
AM	P. Mitchell, "A perspective on protein microarrays", Nature Biotechnology, Vol. 20, March 2002, pgs. 225-229	
AN	G. MacBeath et al., "Printing Proteins as Microarrays for High-Throughput Function Determination", Science, Vol. 289, September 8, 2000, pgs. 1760-1763	
AO	Y. Fang et al., "Membrane Protein Microarrays", J. Am. Chem. Soc., Vol. 124, No. 11, 2002, pgs. 2394-2395	
AP	Y. Fang et al., "G protein-coupled receptor microarrays for drug discovery", DDT, Vol. 8, No. 16, August 2003, pgs. 755-761	
AQ	Y. Fang et al., "G-protein-coupled Receptor Microarrays", ChemBioChem, 2002, Vol. 3, pgs. 987-991	
AR	S.R. George et al., "G-Protein-Coupled Receptor Oligomerization And Its Potential For Drug Discovery", Nature, Vol. 1, October 2002, pgs. 808-820	
AS	S.N. Bailey et al., "Applications of transfected cell microarrays in high-throughput drug discovery", DDT, Vol. 7, No. 18 (Suppl.), 2002, S113-S135	
AT	H.Y. Erbil et al., "Transformation of a Simple Plastic into a Superhydrophobic Surface", Science, Vol. 299, February 28, 2003, pgs. 1377-	
AU	B. Schweitzer et al., "Multiplexed protein profiling on microarrays by rolling-circle amplification", Nature Biotechnology, Vol. 20, April 2002, pgs. 359-365	
AV	B. Schweitzer et al., "Immunoassays with rolling circle DNA amplification: A versatile platform for ultrasensitive antigen detection", Proc. Natl. Acad. Sci., August 29, 2000, Vol. 97, No. 18, pgs. 10113-10119	
AW	M. Schena et al., Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, Issue 5235, October 20, 1995, pgs. 467-470	

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.	